

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Han et al.

Serial No.: 10/574,747

For: CATTLE BETA-CASEIN GENE TARGETING VECTOR USING  
HOMOLOGOUS RECOMBINATION

International  
Filing Date: November 18, 2005

US Filing Date: April 6, 2006

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

Confirmation No.: 2538

Customer No.: 27,623 Attorney Docket No.: 0002838USU/4105

**Mail Stop PCT**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**  
**Attention: DO/EO/US**

Sir:

**TRANSMITTAL OF MISSING PARTS OF APPLICATION AND**  
**PAYMENT OF SURCHARGE UNDER 37 C.F.R. §1.16(e)**

Transmitted herewith are the following documents pertaining to the above-identified application:

- ☐ Petition and Fee for Extension of Time (37 CFR 1.136(A)).
- ☒ Declaration and Power of Attorney form executed by Yong-Mahn HAN, Kyung-Kwang LEE, Mira CHANG, and Deog-Bon KOO;
- ☐ \_\_\_\_\_ Sheets of Formal Drawings;
- ☐ Preliminary Amendment; and
- ☐ Information Disclosure Statement and Form PTO-1449;
- ☐ The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;
- ☒ A copy of the Notification of Missing Requirements Under 37 U.S.C. 371;

- ☒ An Assignment of the Invention to: **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY** including \$40.00 recordation fee and Assignment Recordation Cover Sheet;

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$310.00
Total Claims	** - 20 =	0	x \$50.00	\$
Independent Claims	* - 3 =	0	x \$210.00	\$
Multiple Dependent Claim Fee		x \$370.00 = \$0.00		
SEARCH FEE		\$510.00		
EXAMINATION FEE		\$210.00		
NATIONAL STAGE APPLICATION SIZE FEE (\$250 FOR EACH ADDITIONAL 50 SHEETS OVER 100 SHEETS)		\$		
TOTAL FILING FEE		\$PAID		
1/2 FILING FEE FOR SMALL ENTITY		\$		

- ☒ A check in the amount of **\$ 170.00** to cover the surcharge (\$130) and assignment recordation fee (\$40) is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

August 4, 2008

Date



Charles N.J. Ruggiero

Attorney for Applicant(s)

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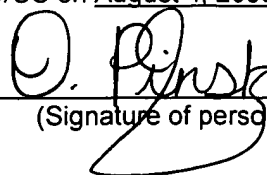
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**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP PCT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, Attention: DO/EO/US on August 4, 2008.

Olga Pinsky

(Typed name of person mailing paper)



(Signature of person mailing paper)

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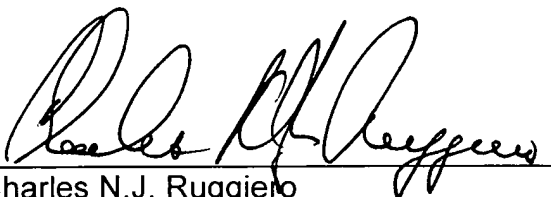
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August 4, 2008  
Date

  
Charles N.J. Ruggiero  
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Registration No. 28,468  
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Olga Pinsky  
(Typed name of person mailing paper)

  
(Signature of person mailing paper)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/574,747	Yong-Hahn Han	0002838USU4105

27623

OHLANDT, GREELEY, RUGGIERO & PERLE, LLP  
ONE LANDMARK SQUARE, 10TH FLOOR  
STAMFORD, CT 06901

INTERNATIONAL APPLICATION NO.

PCT/KR2005/003923

I.A. FILING DATE	PRIORITY DATE
11/18/2005	11/23/2004

CONFIRMATION NO. 2538  
371 FORMALITIES LETTER



Date Mailed: 07/08/2008

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Priority Document
- Copy of the International Application filed on 04/06/2006
- Information Disclosure Statements filed on 04/06/2006
- Biochemical Sequence Diskette filed on 04/06/2006
- Request for Immediate Examination filed on 04/06/2006
- U.S. Basic National Fees filed on 04/06/2006
- Priority Documents filed on 04/06/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

**RECEIVED**

JUL 10 2008

OHLANDT, GREELEY  
RUGGIERO & PERLE, LLP

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

LAMONT M HUNTER

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